



Controllers Series S57

Type	Inputs / Outputs AI DI AO DO	Interfaces	Special Features
S5703	16 16 8 16	2*RS232, tokenbus	cycle time 500us to 100 ms, 2 quadrature encoder inputs, analog I/Os 10V/20mA configurable, digital outputs NPN
S5703P	16 16 8 16	2*RS232, tokenbus	like S5703, digital outputs PNP (common ground)

Field Bus Modules and Accessories

Type	Inputs / Outputs AI DI AO DO	Interfaces	Special Features
S5901	16	tokenbus	16 digital inputs, opto coupler, 100ms cycle time
S5913	16	tokenbus	16 differential analog inputs, 10V or 30mA
S5901E	16	RS232	16 digital inputs , 100ms cycle time
S5961E	16	RS232	16 digital outputs
S5971E	16 16	RS232	16 digital inputs as well as 16 digital outputs
S5500		tokenbus	tokenbus interface card for PC AT bus, allows configuration and data transfer to/from controllers via tokenbus
S5703PB		profibus DP	optional module for S5703, features profibus DP slave interface (up to 64 digital and/or 48 analog inputs and outputs), supports saving of firmware and user program to flash
S83010		RS232	control terminal (MMI) for all SEAL controllers, keyboard with 30 keys, 3 LEDs, free user programmable graphic display (256*128 dots), connection to controllers via serial RS232 interface

General Features of the Controllers:

- Motorola processor MC68030, MC68882 coprocessor, (25 Mc/s each, optional 40Mc/s)
- RAM for firmware, user program and data buffering
- Battery for data saving and real time clock
- Connection to field bus devices by means of galvanic insulated polarity independent two wire token bus with 10 Mb/s transfer rate, up to 100m (300ft); connection to S59xxE modules via RS232, up to 3m (10ft)
- Power supply 12 to 35 V_{DC}
- metal case with DIN snap on quick mounters or for wall mounting
- 48-pol. DIN41612 connectors (Form F) for I/Os , plug in connectors for power and field bus
- optional Profibus DP interface (12MB/s, slave) including flash for firmware and user program

Features of the Field Bus Modules:

- Motorola processor dependent of model type
- plug in connectors for I/Os, power supply and field bus
- Connection to master devices by means of galvanic insulated polarity independent two wire token bus with 10 Mb/s transfer rate, up to 100m (300ft); connection to S59xxE modules via RS232, up to 3m (10ft)
- Power supply 12 to 35 V_{DC}

Further specifications and informations about accessories may be found in the detailed product descriptions.

Controllers